

AMENDMENT TO THE SPECIFICATION

Please replace the paragraph beginning on page 14, line 26 and ending on page 16, line 25 with the following amended paragraph:

As can be seen in FIG. 1, probe light 30, which releasably couples to cable 14, includes a light bulb 32, a housing 34, power control circuitry 36 and a switch 40. Housing 34, which may be formed of any suitable insulating material (such as plastic), substantially encloses power control circuitry 36. A lamp holder or socket (not shown), into which light bulb 32 is inserted, is included within housing 34. Power control circuitry 36 electrically couples to the lamp holder or socket. Probe light-to-cable connector 38, which is configured to couple probe light 30 to cable 14, is shown as a single block in the interest of simplification. However, depending upon the type of coupling desired between probe light 30 and cable 14, probe light-to-cable connector 38 may include one or more components of any suitable design. In some embodiments, probe light 30 releasably mechanically couples to cable 14 and therefore probe light-to-cable connector 38 may include pieces of Velcro (attached to housing 34, of probe light 30, and to cable 14), for example. In some embodiments, instead of Velcro pieces, probe-light-to-cable connector 38 may comprise a double-sided adhesive tape. In other such embodiments, probe-light-to-cable connector 38 may comprise a loop (formed of plastic, for example) that is configured to fit around cable 14. The loop may be formed integral with housing 34. In some embodiments, probe light-to-cable connector 38 may comprise a Velcro strap that is attached to housing 34, of probe light 30, and configured to wrap around cable 14. In some embodiments, probe 30 is configured to releasably mechanically and electrically couple to cable 14. In such embodiments, probe light-to-cable connector 38 may include any suitable male and female plug fittings capable of providing the releasable mechanical and electrical coupling between probe 30 and cable 14. For simplification, dashed lines 44 and 46 are used in FIG. 1 to denote releasable electrical coupling between power control circuitry 36, of probe light 30, and conductors of cable 14. In some embodiments of the present invention, power control circuitry 36 includes non-rechargeable batteries (lithium coin cells, AA batteries, AAA batteries, etc.) that provide power to light bulb 32. In some embodiments, power is supplied to light bulb 32

from test circuitry 18. For simplification, components such as pull up and/or pull down resistors and other power supply circuitry that may be employed within test circuitry 18 to provide power to probe light 30 are not shown. Light bulb 30 can be switched on and off using switch 40 and/or form a push button (not shown), for example, included in input 68. In some embodiments, power control circuit circuitry 36 includes rechargeable batteries/capacitors that can be recharged by the battery under test (such as 12) when it is coupled to tester 10. Incandescent lamps, cold-cathode lamps, etc., may be employed as light bulb 32. In some embodiments, probe light 30 has a longitudinal axis 35 that is oriented generally toward an end (such as 106 of FIG. 4), of one of the first and second Kelvin connections, that couples to one of the first and second terminals of the battery.